LTIA07

IP66 LED Illuminator

LED illuminator with distance up to 100 m (optional)

Model	Wavelength	Input Power
LTIA07-R13-U	850 nm	110 V to 250 V AC
LTIA07-R13-740-1	740 nm	12 V DC
LTIA07-R13-740-2	740 nm	24 V AC
LTIA07-R13-740-5	740 nm	PoE
LTIA07-R13-740-U	740 nm	110 V to 250 V AC
LTIA07-R13-940-1	940 nm	12 V DC
LTIA07-R13-940-2	940 nm	24 V AC
LTIA07-R13-940-5	940 nm	PoE
LTIA07-R13-940-U	940 nm	110 V to 250 V AC
LTIA07-W15-1	White light	12 V DC
LTIA07-W15-2	White light	24 V AC
LTIA07-W15-5	White light	PoE
LTIA07-W15-U	White light	110 V to 250 V AC

Tech Specs

Features

- IP66, NEMA-4X enclosure rating
- Designed for indoor and outdoor applications
- Die-cast aluminum construction
- Illuminator with distance up to 13 m to 100 m (43 ft to 328 ft) (optional)
- Input power: 12 V DC/24 V AC/PoE/universal AC 110 V to 250 V (available)
- 850 nm/740 nm/950 nm/white light optional

Available Models

Model	Illumination Distance	Beam Angle
LTIA07-R13	up to 13 m (43 ft)	120°
LTIA07-R18	up to 18 m (59 ft)	90°
LTIA07-R25	up to 25 m (82 ft)	60°
LTIA07-R45	up to 45 m (148 ft)	45°
LTIA07-R65	up to 65 m (213 ft)	30°
LTIA07-R90	up to 90 m (295 ft)	15°
LTIA07-W15	up to 15 m (49 ft)	120°
LTIA07-W25	up to 25 m (82 ft)	90°
LTIA07-W40	up to 40 m (131 ft)	60°
LTIA07-W60	up to 60 m (197 ft)	45°
LTIA07-W80	up to 80 m (262 ft)	30°
LTIA07-W100	up to 100 m (328 ft)	15°

*Each illumination distance in the above table has the following models available.

Model	Wavelength	Input Power
LTIA07-R13-1	850 nm	12 V DC
LTIA07-R13-2	850 nm	24 V AC
LTIA07-R13-5	850 nm	PoE

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Model	LTIA07
Type	Indoor/Outdoor
Protection Rating	IP66, NEMA-4X enclosure rating
Material	Die-cast aluminum
Finish	• Ivory white polyester powder coat • Black polyester powder coat (optional)
Input Power[1]	• 12 V DC (**LTIA07-R13-1**, **LTIA07-R13-740-1**, **LTIA07-R13-940-1**, **LTIA07-W15-1**) • 24 V AC (**LTIA07-R13-2**, **LTIA07-R13-740-2**, **LTIA07-R13-940-2**, **LTIA07-W15-2**) • PoE (**LTIA07-R13-5**, **LTIA07-R13-740-5**, **LTIA07-R13-940-5**, **LTIA07-W15-5**) • Universal 100 V to 230 V AC, auto-sensing (**LTIA07-R13-U**, **LTIA07-R13-740-U**, **LTIA07-R13-940-U**, **LTIA07-W15-U**)
Power Consumption	• 13 W (**LTIA07-R13-1**) • 11 W (**LTIA07-W15-1**)
Dimensions (W × H × L)	110 mm × 84 mm × 90 mm (4.3 in × 3.3 in × 3.5 in)
Window	Tempered glasses
Operating Ambient Temperature	-40 °C to 55 °C (-40 °F to 131 °F)
Weight	1.3 kg (2.9 lb)
Colour Temperature	6000 K to 6500 K
Wavelength[1]	• 850 nm (**LTIA07-R13-1**, **LTIA07-R13-2**, **LTIA07-R13-5**, **LTIA07-R13-U**) • 740 nm (**LTIA07-R13-740-1**, **LTIA07-R13-740-2**, **LTIA07-R13-740-5**, **LTIA07-R13-740-U**) • 940 nm (**LTIA07-R13-940-1**, **LTIA07-R13-940-2**, **LTIA07-R13-940-5**, **LTIA07-R13-940-U**) • White light (**LTIA07-W15-1**, **LTIA07-W15-2**, **LTIA07-W15-5**, **LTIA07-W15-U**)
Illumination Distance[1, 2]	• up to 13 m (43 ft) (**LTIA07-R13**) • up to 15 m (49 ft) (**LTIA07-W15**) • up to 18 m (59 ft) (**LTIA07-R18**) • up to 25 m (82 ft) (**LTIA07-R25**, **LTIA07-W25**) • up to 40 m (131 ft) (**LTIA07-W40**) • up to 45 m (148 ft) (**LTIA07-R45**) • up to 60 m (197 ft) (**LTIA07-W60**) • up to 65 m (213 ft) (**LTIA07-R65**) • up to 80 m (262 ft) (**LTIA07-W80**) • up to 90 m (295 ft) (**LTIA07-R90**) • up to 100 m (328 ft) (**LTIA07-W100**)
Beam Angle[1]	• 120° (**LTIA07-R13**, **LTIA07-W15**) • 90° (**LTIA07-R18**, **LTIA07-W25**) • 60° (**LTIA07-R25**, **LTIA07-W40**) • 45° (**LTIA07-R45**, **LTIA07-W60**) • 30° (**LTIA07-R65**, **LTIA07-W80**) • 15° (**LTIA07-R90**, **LTIA07-W100**)
LEDs	6 pieces
LED Lifetime	20,000 hours
Light On/Off	On when illumination is lower than 4 lux

1. The spec for **LTIA07-R13-_-_**, **LTIA07-R40-_-_**, **LTIA07-R50-_-_**, **LTIA07-R70-_-_**, **LTIA07-R100-_-_**, **LTIA07-R150-_-_**, **LTIA07-W15-_**, **LTIA07-W25-_**, **LTIA07-W40-_**, **LTIA07-W60-_**, **LTIA07-W80-_** and **LTIA07-W100-_** is the same as **LTIA07-R13**, **LTIA07-R40**, **LTIA07-R50**, **LTIA07-R70**, **LTIA07-R100**, **LTIA07-R150**, **LTIA07-W15**, **LTIA07-W25**, **LTIA07-W40**, **LTIA07-W60**, **LTIA07-W80**, **LTIA07-W100**.

2. Illumination distance is tested by 1/3-inch SONY CCD Camera. To achieve the distance needed, please pay attention to your camera specification and lens before purchase. It is normal phenomenon that distance may vary due to different cameras and lens.

*Design and specifications are subject to change without prior notice.